

DB4090X (806-940 MHz)

2 Cavity Bandpass Reject Duplexer

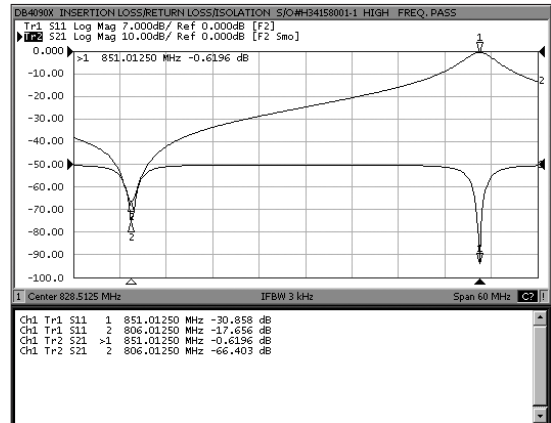
MODEL	DB4090X
ELECTRICAL SPECIFICATIONS	
Frequency Range, MHz	806-869
Frequency Separation, kHz	45
Number of Cavities	2
Isolation (min), dB	65
Transmitter Loss (max), dB	0.7
Receiver Loss (max), dB	0.7
Return Loss (min), dB	14
Impedance, Ohms	50
Power Rating, Watts	150
MECHANICAL SPECIFICATIONS	
Construction/Finish	Copper/Black
Input Connector	N(F)
Mounting	EIA 19-inch Rack
Temperature Range, degrees	-30 to +60 C
DIMENSIONS	
Cavity Size, in(mm)	4 (102)
Width, in(mm)	19 (482.6)
Height, in(mm)	5.25 (133)
Height, RU	3
Depth, in(mm)	8.25 (210)
Net Weight, lb(kg)	8 (3.6)
Shipping Weight, lb(kg)	18 (8.2)

NOTE: Model available with isolator. Contact dbSpectra System Engineering for details.

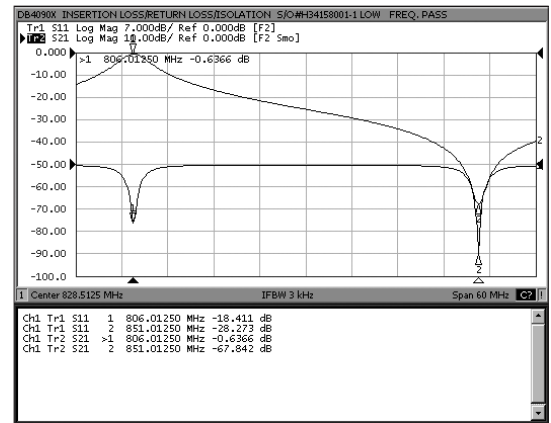
FEATURES AND BENEFITS

- Compact size, 3 RU; 19-inch rack mount.
- Bandpass/band reject cavities.
- Field tunable.
- For single channel operation.

SELECTIVITY CURVE



High Pass



Low Pass

